



2815//

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission **6**

Application Number **09/733,474**  
 Filing Date **December 8, 2000**  
 First Named Inventor **M. Sugawara, et al.**  
 Group Art Unit **2815**  
 Examiner Name **J. Nguyen**  
 Attorney Docket Number **9792909-4740**

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### ENCLOSURES (check all that apply)

Transmitted herewith is Amendment "C".  
 The fee has been calculated as shown below:

(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3)	(4) HIGHEST NO. PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEE
TOTAL CLAIMS	9	-	20	0	<input type="checkbox"/> x \$9.00 <input type="checkbox"/> x \$18.00	\$0
INDEPENDENT CLAIMS	1	-	3	0	<input type="checkbox"/> x \$42.00 <input type="checkbox"/> x \$84.00	\$0
	APPLICATION AMENDED TO CONTAIN ANY MULTIPLE DEPENDENT CLAIMS NOT PREVIOUSLY PAID FOR.			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> x \$140.00 <input type="checkbox"/> x \$280.00 ONE TIME	\$0
				TOTAL ADDITIONAL FEE FOR THIS AMENDMENT		\$0

Applicant petitions the Commissioner for Patents to extend the time for responding to the Office Action dated October 8, 2002 by one month(s) for a fee of \$110.00 so that the period for response is extended to February 8, 2003 under 37 C.F.R. § 1.321.

The amount of \$ \_\_\_\_\_ for the Terminal Disclaimer under 37 C.F.R. § 1.321 is included in the enclosed check.

The amount of \$ \_\_\_\_\_ for the Amendment under 37 C.F.R. § 1.312(b) is included in the enclosed check.

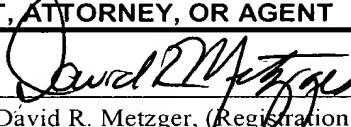
The enclosed credit card payment form to charge the amount of \$110.00 covers the extension fee.

The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment to Account No. 19-3140. A duplicate of this sheet is enclosed.

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

14.  Customer No. 26263

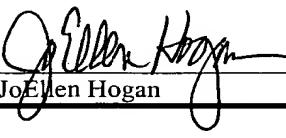
Dated: January 15, 2003

  
David R. Metzger, (Registration No. 32,919)

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington D.C. 20231 on the date indicated below.

Dated: January 15, 2003

  
JoEllen Hogan



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICANT(S): Minoru Sugawara, et al. ATTY DOCKET NO. 09792909-4740  
SERIAL NO. 09/733,474 GROUP ART UNIT: 2815  
FILING DATE: December 8, 2000 EXAMINER: J. Nguyen  
INVENTION: "SEMICONDUCTOR AND FABRICATION METHOD THEREOF"

AMENDMENT "C"

Commissioner of Patents  
Washington, D.C. 20231

SIR:

This amendment is filed in response to the Office Action of October 8, 2002.  
Please reconsider the application in view of the amendment and remarks presented  
below.

The marked-up version of any amended text or claim appears in the  
accompanying Appendix.

IN THE CLAIMS

Please amend the claims as follows:

*sub C1* >  
*B1*

4. (Amended) A semiconductor device with p-channel and n-channel field effect devices formed on a common substrate, comprising:  
a silicon substrate with p-channel and n-channel field effect regions corresponding to said p-channel and n-channel field effect devices, respectively,  
said n-channel field effect region having a silicon-germanium buffer layer on said substrate, a silicon-germanium compound relax layer on said buffer layer, and a silicon epitaxial layer formed on said silicon germanium compound relax layer,  
a concentration of germanium in said buffer layer being graduated so that it increases proceeding from a substrate side of said buffer layer to a relax layer side of said buffer layer,  
a concentration of germanium in said relax layer being substantially the same as the concentration of germanium at said relax layer side of said buffer layer,

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